

**Instruction Sheet  
for the PASCO  
Model SF-9288**

# Spectral Lamp Power Supply and Mount

## Introduction:



The PASCO Model SF-9288 Spectral Lamp Power Supply and Mount is designed for use with Osram 9 pin DIN base, 21 mm diameter spectral lamps. The Mercury lamp (SF-9282) is available from PASCO scientific.

Mercury Spectral Lamp	SF-9282
Sodium Spectral Lamp	SF-9289
Cadmium Spectral Lamp	SF-9290
Helium Spectral Lamp	SF-9291
Neon Spectral Lamp	SF-9292

Changing spectral lamps is easy, so a single power supply can be used to power any one of the Osram lamps.

## To use the Spectral Lamp Power Supply and Lamp:

- ① Insert a spectral lamp as shown on the back of this page.
- ② Plug the round, three-pronged plug from the lamp mount into the socket on the front of the power supply.
- ③ Plug the power supply power cord into a grounded 107-128 VAC, 60 Hz or 206-242 VAC, 50 Hz outlet. (See label on rear of unit).
- ④ Flip the ON/OFF Switch on the front of the power supply to ON.

- ⑤ Allow about five minutes warm up time.

If, at any time, the lamp fails to come on, check the fuse on the rear panel of the power supply. If the fuse is blown, replace only with a similarly rated fuse:

**Fuse:** 2 Amp

► **NOTE:** To insert or change the spectral lamp, follow the procedure shown on the back of this page.

### CAUTION

**RISK OF ELECTRIC SHOCK  
DO NOT OPEN**

#### CAUTION:

TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER ON UNIT. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead, within an equilateral triangle, is intended to alert the user of the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

**Hg Lamp Contains Mercury  
Manage in accordance with  
disposal laws.**

See <https://www.lamprecycle.org/> or 1-866-666-6850

## Replacing the Spectral Lamp

► **CAUTION HIGH VOLTAGE:** Always unplug the lamp mount from the power supply

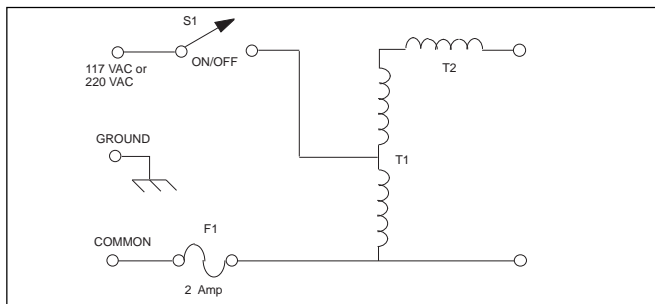
- ① Unplug the Lamp Mount cord from the power supply, and allow several minutes for the lamp to cool.
- ② Unscrew and remove the top screws.
- ③ Lift off the top.
- ④ Gently pull the spectral lamp up, out of the 9-pin socket.



► **CAUTION! WEAR GLOVES TO PROTECT YOUR HANDS FROM A HOT LAMP OR POSSIBLE BREAKAGE.**

- ⑤ Reverse the procedure to replace the lamp.

► **CAUTION! WHEN USING THE MERCURY LAMP, SF-9282, DO NOT LOOK INTO LAMP. UV RAYS MAY BE DAMAGING.**  
If the glass bulb is broken, immediately turn lamp off and remove it to avoid possible injury. Replace bulb prior to next use.



**Schematic: Model SF-9288 Spectral Lamp Power Supply and Mount**

## Limited Warranty

PASCO scientific warrants this product to be free from defects in materials and workmanship for a period of one year from the date of shipment to the customer. PASCO will repair or replace, at its option, any part of the product which is deemed to be defective in material or workmanship. This warranty does not cover damage to the product caused by abuse or improper use. Determination of whether a product failure is the result of a manufacturing defect or improper use by the customer shall be made solely by PASCO scientific. Responsibility for the return of equipment for warranty repair belongs to the customer. Equipment must be properly packed to prevent damage and shipped postage or freight prepaid. (Damage caused by improper packing of the equipment for return shipment will not be covered by the warranty.) Shipping costs for returning the equipment, after repair, will be paid by PASCO scientific.

## Equipment Return

Should this product have to be returned to PASCO scientific, for whatever reason, notify PASCO scientific by letter or phone BEFORE returning the product. Upon notification, the return authorization and shipping instructions will be promptly issued.

► **NOTE: NO EQUIPMENT WILL BE ACCEPTED FOR RETURN WITHOUT AN AUTHORIZATION.**

When returning equipment for repair, the units must be packed properly. Carriers will not accept responsibility for damage caused by improper packing. To be certain the unit will not be damaged in shipment, observe the following rules:

- ① The carton must be strong enough for the item shipped.
- ② Make certain there is at least two inches of packing material between any point on the apparatus and the inside walls of the carton.
- ③ Make certain that the packing material can not shift in the box, or become compressed, thus letting the instrument come in contact with the edge of the box.